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(54) Title: IMMUNE RESPONSE ASSOCIATED PROTEINS

(57) **Abstract:** ABSTRACT OF THE DISCLOSURE Various embodiments of the invention provide human immune response associated proteins (IRAP) and polynucleotides which identify and encode IRAP. Embodiments of the invention also provide expression vectors, host cells, antibodies, agonists, and antagonists. Other embodiments provide methods for diagnosing, treating, or preventing disorders associated with aberrant expression of IRAP.



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